

Skill Sheet 10-I-1

Objective 18: Clean, inspect, and maintain a ladder. (*NFPA® 1001, 5.5.1*)

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will clean, inspect, and maintain a ladder. In this skill sheet, the procedures are the general steps for cleaning; follow departmental procedures and manufacturer's guidelines when cleaning, inspecting, and maintaining ladders. Students should gather and prepare cleaning supplies per manufacturer's recommendations.

Regular and proper cleaning of ladders is more than a matter of appearance: dirt or debris from a fire may collect and harden, making the ladder sections inoperable. Ladders should be cleaned and inspected after each use. The inspection should cover all parts of the ladder. When a part shows excessive wear, the cause should be determined. Ladders should also be inspected as per departmental policy.

Equipment & Materials

- Ladder(s) to be cleaned and inspected
- Stiff-bristled brush
- Garden hose
- Bucket
- Manufacturer-recommended cleaners and lubricants
- Dry cloths
- Sawhorses
- Ladder log and chalk or grease pen

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

☐

Fail

☐

Evaluator Signature

Date

Student Signature

Date

Skills Evaluation Checklist

Objective 18: Clean, inspect, and maintain a ladder.

Task Steps		Yes	No
Cleaning			
1.	Place the ladder flat on the sawhorses, lifting and carrying appropriately.		
2.	Clean all parts of the ladder with scrub brush and cleaning solution, removing greasy residues with approved cleaners.		
3.	Rinse the ladder thoroughly with clean water.		
4.	Dry the ladder thoroughly with clean, dry cloths.		
Inspecting			
5.	Inspect each part of the ladder. a. Looseness b. Cracks c. Dents d. Unusual wear e. Bent rungs or beams f. Heat damage, deformities or change in sensor label		
6.	Circle any defects found with chalk or grease pen.		
7.	Inspect the ladder halyard (extension ladders). a. Fraying or kinking b. Snugness of cable when in bedded position		
8.	Inspect all movable parts (extension, roof, and pole ladders).		
Maintenance			
9.	Lubricate parts as needed and per manufacturer's guidelines.		
10.	Replace halyard if necessary.		
11.	Tag and remove from service for any conditions that cannot be corrected with cleaning, inspection, and simple maintenance. Notify officer.		
12.	Record cleaning, inspection, and maintenance performed.		